

2342-977

03-11-2010

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U.S. ENVIRONMENTAL PROTECTION  
AGENCYOffice of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Reg. Number:

2342-977

Date of Issuance:

3-11-10

## NOTICE OF PESTICIDE:

☐ Registration  
☒ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Sodium Chlorate Solution

Name and Address of Registrant (include ZIP Code):

Tronox LLC  
P.O. Box 268859  
Oklahoma City, OK 73126-8859

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

Signature of Approving Official:

Jim Tompkins  
Team Leader  
Herbicide Branch, Team 25  
Registration Division (7505P)

Date:

3-11-10

2) Per the toxicity review, the signal word currently on the label "DANGER" must be revised to read "CAUTION."

3) Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order and placed in a box:

"IF ON SKIN OR CLOTHING:...

IF IN EYES:...

IF SWALLOWED:..."

4) Per the toxicity review, the following text appearing in precautionary statements - Hazards to Humans and Domestic Animals: "Harmful if swallowed. Causes irritation of eyes, skin, nose, throat and digestive tract" must be revised to read "Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing", as the product belongs to toxic category III for acute dermal and primary dermal irritation and toxic category IV for acute oral, inhalation and primary eye irritation.

5) Per the toxicity review "The designation of Personal Protective Equipment (PPE) for manufacturing use products does not fall under the jurisdiction of EPA," therefore, the following text specified for PPE "Do not wear leather shoes, gloves or belts. Wear rubber boots and apron to avoid contact with clothing. Do not smoke when handling. Always have a water - filled jump tank or deluge shower in immediate work area. If your clothing catches fire, do not use a fire blanket. Use the jump tank or deluge shower" is not needed but may remain on the label.

6) Per the toxicity review the text, "remove and wash contaminated clothing promptly" appearing in precautionary statements is not needed, instead the following text is recommended.

"USER SAFETY RECOMMENDATIONS:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing"

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supersedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

# SODIUM CHLORATE SOLUTION

Manufacturing-Use Only: Only for formulation as a defoliant/dessicant applied to cotton or as an antimicrobial for the following uses: generating chlorine dioxide for use as a biocide. Do not use this product for formulation of end use products containing residential use sites.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
3-11-10

ACTIVE INGREDIENT: Sodium Chlorate ( $\text{NaClO}_3$ ).....43.7%  
INERT INGREDIENTS: .....56.3%

This product contains 5 pounds of sodium chlorate per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER!**

**NOTICE:** This product contains a chemical known to the state of California to cause cancer.

## FIRST AID

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If On Skin Or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

For additional information in case of emergency call toll free (1-866-775-5009). Have the product container or label with you when calling a poison control center or doctor or going to treatment.

## PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**HARMFUL IF SWALLOWED. CAUSES IRRITATION OF THE EYES, SKIN, NOSE, THROAT AND THE DIGESTIVE TRACT. REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY. DO NOT WEAR LEATHER SHOES, GLOVES OR BELTS. WEAR RUBBER BOOTS AND APRON TO AVOID CONTACT WITH CLOTHING. DO NOT SMOKE WHEN HANDLING. ALWAYS HAVE A WATER-FILLED JUMP TANK OR DELUGE SHOWER IN IMMEDIATE WORK AREA. IF YOUR CLOTHING CATCHES FIRE, DO NOT USE A FIRE BLANKET. USE THE JUMP TANK OR DELUGE SHOWER.**

## Physical/ Chemical Hazards

Strong Oxidizer – Contact with other material may cause fire or produce-sensitive mixtures. Keep from contact with clothing and other combustible materials. Store separately and keep from contact with explosives, flammable materials, charcoal, sugar, acids, sulfur, sulfur compounds, starch, shellac, ammonium compounds, phosphorus, metal powders and other oxidizable materials. Store in original, tightly closed container. Keep away from fire. Keep from contact with sparks, impact, abrasion, or any other source of heat.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Formulators or repackagers of this product must obtain their own registrations from the Environmental Protection Agency. Products must include an appropriate fire retardant chemical other than water.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2342-977

## PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store separately and keep from contact with explosives, flammable materials, charcoal, sugar, acids, sulfur, sulfur compounds, starch, shellac, ammonium compounds, phosphorus, metal powders and other oxidizable materials. Spillage may cause fires. Do not get on floor. Sweep into clean metal container and remove immediately. Keep away from fire. Do not smoke when handling. Do not drop, skid or slide containers. When not in use, keep tightly closed in original metal container. Do not sell or store this product in anything other than the original metal container.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## Environmental Hazards

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

RECEIVED  
10/5/09